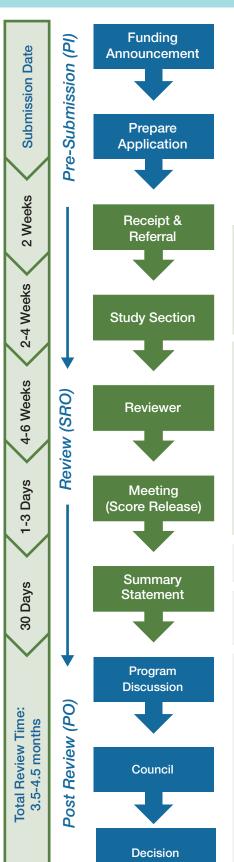
# The Nuts and Bolts of NIH SBIR/STTR Peer Review Center for Scientific Review





The Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs allow US-owned and operated small businesses to engage in federal research and development that has a strong potential for commercialization.

The NIH SBIR/STTR programs invest over \$1 billion per year into health and life science companies.

#### **Scored Review Criteria**

Significance • Innovation • Approach Investigator(s) • Environment

## Additional Review Criteria (Impact Score)

- Study Timeline (clinical trials)
- Phase II/Direct Phase II
- Fast Track
- Human Subjects/Inclusion
- Vertebrate Animals
- Biohazards
- Resubmission/Renewal/Revision

### Additional Review Considerations

- Select Agents
- Resource Sharing Plans
- Foreign Organizations
- Authentication Plan
- Budget & Period of Support

SBIR Application Dates: January 5 • April 5 • September 5

#### SBIR Application Examples at NIAID:

https://www.niaid.nih.gov/grants-contracts/sample-applications#r43r44

#### **How To Identify SBIR/STTR Study Sections**

- Visit the CSR website for Study Section Descriptions: https://public.csr.nih.gov
- CSR Assisted Referral Tool (ART): https://art.csr.nih.gov/ART
- NIH Reporter Matchmaker:
  https://projectreporter.nih.gov/reporter\_matchmaker.cfm
- Use the Assignment Request Form: in application package
- Check your assignment ASAP: Contact Scientific Review Officer with questions/concerns

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# **COMPETITIVE APPLICATIONS**

are carefully crafted in all aspects of the application and clearly convey the value of the proposed research.

#### **Documentation**

- Publications
- · Resources and access
- Compliant biosketches
- Letters of Interest or commitment
- Human subjects, vertebrate animals, biohazards, etc.
- Budget / Resource
  Sharing Plans

#### **Preparation**

- . Clear Organization-Headers
- · Readable figures & tables
- Adequate resolution, font
- Minimize abbreviations and acronyms
- Complete & current references, numbers, labels, forms
- Proofread no typos; check grammar

### www.csr.nih.gov

#### Rigor / Reproducibility

- Statistics
- · Reasoning in Approach
- Sufficient experimental detail
- Clear rationale
- Clear understanding of scientific literature and background

Competitive SBIR/STTR applications have...

#### **Realistic Goals**

- · Clear, focused objectives
- Realistic aims & timelines
- Explained pitfalls & alternatives
- Support expertise (w/ letters)

#### **SBIR/STTR Resources**

- https://sbir.nih.gov/engage#engage
- Twitter: @NIHsbir
- https://sbir.nih.gov/resources/events
- listserv@list.nih.gov

#### Significance

- Impact on and relevance to field
- Connection: present and future
- Commercial potential (Phase I)
- Commercialization Plan
  (Phase II/Fast Track/Direct Phase II

#### Types of SBIR and STTR Applications

Phase I: 6-12 months Phase III: Bus.Dev Phase I: Proposed Phase II: R&D ~\$250k • Feasibility study Phase II: 2 years Phase I: Finished Phase II: Proposed Phase III: Bus.Dev. ~\$1.7M • Full R&D Direct Phase II: 2 years Phase I: Finished Phase II: Proposed Phase III: Bus.Dev. ~\$1.7M • Full R&D Funded elsewhere Milestones **Fast Track:** Phase III: Bus.Dev. Phase I: Proposed Phase II: Proposed Simultaneous Phase I & II **Phase IIB Competing** Phase II Phase III: Bus.Dev. Renewal: \$3M for up Phase I: Finished Phase IIB: Proposed Progress to 3 years